

Converting Colors

YUV(116.1150, -21.2557,
4.2841)

Have a look what the booklet for
YUV(116.1150, -21.2557, 4.2841)
contains.

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Color

**YUV(116.1150, -21.2557,
4.2841)**

Conversions

Conversions Part 1

Format	Color
Hex	797A49
RGB	121, 122, 73
RGB Percent	47%, 48%, 29%
CMY	0.5255, 0.5216, 0.7137
CMYK	0.01, 0.00, 0.40, 0.52
HSL	61°, 25%, 38%
HSV	61°, 40%, 48%
XYZ	16.0473, 18.4651, 9.0217
YIQ	116.1150, 15.1330, -15.4510

Conversions

Conversions Part 2

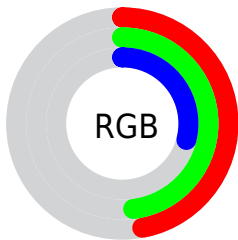
Format	Color
RYB	73, 122, 74
Decimal	7961161
CIELab	50.06, -8.37, 26.70
CIElCh	50, 27.980, 107.412
Yxy	18.4651, 0.3686, 0.4242
Android (android.graphics.Color)	4286151241 (0xFF797A49)
YUV	116.1150, -21.2557, 4.2841
Hunter-Lab	42.9710, -8.5393, 17.6319

Details

The YUV color **116.1150, -21.2557, 4.2841** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **78.8850, 21.2557, -4.2841**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0720, -22.7135, 5.1989**, and **67.7450, -20.0873, 2.8546** is the 20% darker color. If you saturate the color by 10%, you get **114.7470, -26.4973, 5.4839**, and if you desaturate by 10%, it is **117.4830, -16.0141, 3.0844**.

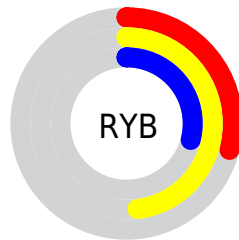
Distribution



Red (47%)

Green (48%)

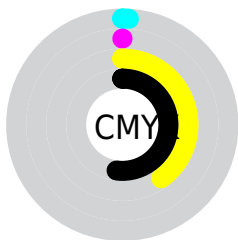
Blue (29%)



Red (29%)

Yellow (48%)

Blue (29%)

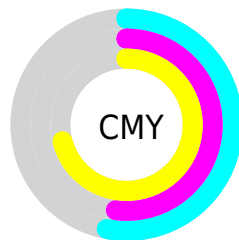


Cyan (1%)

Magenta (0%)

Yellow (40%)

Black (52%)



Cyan (53%)

Magenta (52%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.1150, -21.2557, 4.2841 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 116.1150, -21.2557, 4.2841 by changing the saturation by 10% instead.

■ 116.1150,
-21.2557, 4.2841

■ 116.1150,
-21.2557, 4.2841

■ 255.0000, 0.0000,
0.0000

■ 91.3430, -20.3821,
4.0842

■ 168.0720,
-22.7135, 5.1989

■ 67.7450, -20.0873,
2.8546

■ 195.8440,
-23.5871, 5.3988

■ 44.6310, -20.5241,
2.9546

■ 223.7300,
-24.0239, 5.4988

■ 25.3840, -12.5143,
0.5402

■ 249.0720,
-22.7135, 5.1989

■ 0.0000, 0.0000,
0.0000

■ 252.2640,
-10.4832, 2.3995

■ 116.1150,
-21.2557, 4.2841

■ 116.1150,
-21.2557, 4.2841

■ 114.7470,
-26.4973, 5.4839

■ 117.4830,
-16.0141, 3.0844

■ 113.3790,
-31.7388, 6.6836

■ 118.8510,
-10.7725, 1.8847

■ 111.5980,
-37.2698, 7.3686

■ 120.6320, -5.2416,
1.1997

■ 110.2300,
-42.5114, 8.5683

■ 122.0000, 0.0000,
0.0000

■ 108.8620,
-47.7530, 9.7680

■ 123.3680, 5.2416,
-1.1997

■ 107.4940,
-52.9945, 10.9678

■ 124.7360, 10.4832,
-2.3995

■ 126.4030, 15.5773,
-2.9844

■ 127.8850, 21.2557,

-4.2841

■ 129.2530, 26.4973,
-5.4839

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



118.2960, -22.3309, 22.5424



116.1150, -21.2557, 4.2841



113.0460, -13.3337, -16.7033

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



116.1150, -21.2557, 4.2841



103.0210, 24.6396, -63.1624



122.2350, 3.8281, 32.2429

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



116.1150, -21.2557, 4.2841



78.8850, 21.2557, -4.2841

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



122.1710, 14.2127, 14.7590



116.1150, -21.2557, 4.2841



111.9300, 26.1635, -38.5266

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



116.1150, -21.2557, 4.2841



102.3990, 14.5933, -60.8629



119.3680, 22.0036, -10.8467



121.0050, -7.3975, 39.4606

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



116.1150, -21.2557, 4.2841



109.8360, -4.8491, -31.4282



119.3680, 22.0036, -10.8467



122.2390, 7.7702, 27.8544

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



116.1150, -21.2557, 4.2841



155.8340, -8.2992, 1.8996



88.2380, -7.5123, 29.6093



77.7460, -4.8048, 1.0998



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



116.1150, -21.2557, 4.2841



149.0370, -33.0492, 6.9836



108.9390, -17.7179, -10.4705



60.3160, -2.6208, 0.5999



109.8530, -54.1575, 10.6529



221.7770, -109.3361, 22.1206

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78.8850, 21.2557, -4.2841



91.2620, 32.9018, -6.3688



86.0610, 17.7179, 10.4705



55.6840, 2.6208, -0.5999



15.1470, 54.1575, -10.6529



30.2230, 109.3361, -22.1206

Previews

White Background



This preview shows how the YUV color 116.1150, -21.2557, 4.2841 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 116.1150, -21.2557, 4.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

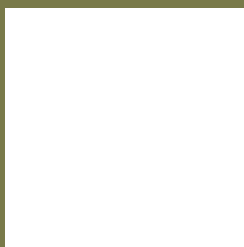
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.1150, -21.2557, 4.2841 Background



This preview shows how black text looks on a background with the YUV color 116.1150, -21.2557, 4.2841.



This preview shows how white text looks on a background with the YUV color 116.1150, -21.2557,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

116.1150, -21.2557, 4.2841

Protanopia

116.9310, -22.1510, 11.4615

Deuteranopia

118.5240, -21.4573, 22.3425



Tritanopia

120.3150, 2.3097, 5.8627

Trichromacy



Original Color

116.1150, -21.2557, 4.2841

Protanomaly

116.6210, -21.9982, 9.1024

Deuteranomaly

117.7790, -21.5830, 15.9798

Tritanomaly

118.7250, -6.2734, 5.5032

Monochromacy



Original Color

116.1150, -21.2557, 4.2841

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9480, -7.8624, 1.7996

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.1150, -21.2557, 4.2841 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(121, 122, 73)` looks like.

```
.text, #text, p{  
    color:rgb(121, 122, 73)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(121, 122, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 122, 73) }
```

Border

The CSS property to change the border of an element to YUV 116.1150, -21.2557, 4.2841 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 122, 73) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(121, 122, 73) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(121, 122, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 122, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 122, 73);  
box-shadow:4px 4px 4px 4px rgb(121, 122,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 116.1150, -21.2557, 4.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 122, 73) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(121,  
122, 73) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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